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SMART DAY

SOYBEAN MANAGEMENT & RESEARCH TRANSFER

July 17 – Melita

July 19 – Arborg



July 25



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MANITOBA Pulse Soybean GROWERS 2018 Extension Programs

Summer at a Glance



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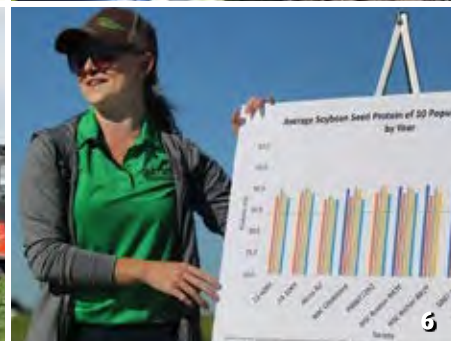
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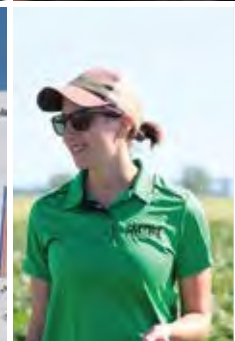
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Morden PULSE Tour August 22

SMART Day July 17, Melita | July 19, Arborg

Soybean Management and Research Transfer (SMART) Day is an educational event for farmers and agronomists to sharpen their soybean-management skills.

MPSG has a major investment in agronomic research projects and the 2018 SMART Day showcased a few of those projects.

- 1 PESAI field site, Arborg
- 2 WADO field site, Melita

Rethinking Soybean Seeding Depth

- 3 Kristen MacMillan dug deeper into her soybean seed depth experiment results.

- 4 Comparing healthy seedlings with stress symptoms from seeding too deep.

Soybean Seed Quality

- 5 Soybean seed quality was dissected into its components at SMART Day, covering agronomic, geographic and genetic influences on protein and oil content.

- 6 Cassandra Tkachuk dove into protein data from Manitoba's soybean variety trials, comparing years, sites and varieties.

- 7 Dr. Navneet Brar indicated that soybean protein content did not change with nitrogen fertilizer rates in her three-year study.

- 8 The length of time spent at different growth stages was compared between Ontario and Manitoba in Nate Ort's MSc. project. Manitoba soybeans spent more time in the vegetative stages and less time flowering.

- 9 Extension specialists and researchers were available throughout the day to answer questions.

Feeding Soybeans – Smart Use of Inoculant and N, P, K Fertilizers

- 10 Laryssa Stevenson presented the facts behind soybean fertility – covering nitrogen and phosphorus needs, and inoculation requirements.

- 11 Megan Bourns communicated results of her MSc. project evaluating potassium fertility for soybeans, as they are a high K-removing crop.

- 12 Nitrogen rescue treatments were recommended as nitrogen-deficient plants, resulting from failed nodulation, were passed around.

Several Intercropping Combinations were on the Docket at SMART Day in WADO

- 13 Soybeans intercropped with flax were one of the four intercroppings highlighted.
- 14 Scott Chalmers explained successes and struggles they've faced testing different intercrop combinations.

Crops-a-Palooza

- 15 Researchers and extension specialists were present from across Canada to lead seventeen interactive stations.

- 16 MPSG partnered with six other commodity organizations to represent all crops at this come-and-go tour.

- 17 The Minister of Agriculture, Ralph Eichler, welcomed participants to the inaugural Crops-a-Palooza.

- 18 Stations engaged participants with games.

Morden Pulse Tour

- 19 Dr. Anfu Hou led the Morden Pulse Tour to talk about dry bean variety development for Manitoba.

- 20 Dr. Bob Conner showed dry bean lines being screened for white mould tolerance.

- 21 Attendees viewed variety development up close and got a look at a new cranberry bean variety, AAC Scotty.



See you next season!